BRUHAT BANGLORE MAHANAGARA PALIKE

DASARAHALLI-ZONE

T.DASARAHALLI-SUB-DIVISION.

Name of Work:- Improvements to Roads & Drains at Manjunathanagara 1st Main, 2st Cross in Ward no.14 .Tdasarahalli sub division.

Estimate Cost :- **20.00** Lakhs

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DASARAHALLI ZONE

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			Est. Cost Rs				20.00	Lakhs	
Sl. No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-2: Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH Chapter 3. in hard soil **Page No. 150/ Item No. 19.2/ PWD SR 2012-13**	Cum							
	2nd main 2nd cross		2	83.00	1.20	1.00	199.20		
			2	64.00	1.20	1.00	153.60		
							352.80	81.00	**28577.00**
	Basic Rate	75.00							
	Area Weightage 8%	6.00							
	Total	**81.00**							
2	KSRRB M2900-1: Plain cement concrete 1:3:6 mix with crushed stone aggregates 40m nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14days complete as per specifications. MORTH Specification No. 408 **Page No. 259/ Item No. 34.1/ PWD SR 2012-13**	Cum							
	2nd main 2nd cross		2	83.00	1.20	0.15	29.88		
			2	64.00	1.20	0.15	23.04		
							52.92	3654.72	**193408.00**
	Basic Rate	3384.00							
	Area Weightage @ 8%	270.72							
	Total	**3654.72**							
3	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC) for R.C.C works laid in 15cms thick layers and well compacted vibrating curing and necessary steel or ply wood or plank centering and form work etc., including smooth finish in CM 1:3,with all lead and lift etc., complete. (exclusive of cost of steel and fabrication charges) Ready mixed cement concrete for beams, columns, staircase and roof with M-20(Cement-320 kg/cum) **Page No. 19/ Item No. 4.49.1/ PWD SR 2012-13**	Cum							

	2nd main 2nd cross								
	Bottom Slab		2	83.00	1.20	0.15	29.88		
			2	64.00	1.20	0.15	23.04		
	Side Wall		2x2	83.00	$\frac{0.15+0.18}{2}$	0.60	33.86		
			2x2	64.00	$\frac{0.15+0.18}{2}$	0.60	26.11		
							112.89	5535.32	**624882.00**
	Basic Rate	5222.00							
	Area Weightage @ 6%	313.32							
	Total	**5535.32**							
4	KSRB 4.9.2: providing T.M.T steel	q			kg/Cum				
	60 kg/Cum		**112.89**		60.00		6773.40		
							68.00	7187.86	**488774.00**
	Basic Rate	6781.00							
	Area Weightage @ 6%	406.86							
	Total	**7187.86**							
5	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 **Page No. 17/ Item No. 4.32/ PWD SR 2012-13**	Sqm							
	Sides		2x4	83.00		0.60	398.40		
			2x4	64.00		0.60	307.20		
							705.60	298.92	**210918.00**
	Basic Rate	282.00							
	Area Weightage 6%	16.92							
	Total	**298.92**							
6	Supplying and fixing precast rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.	Sqm							
	As per Approved Rates		2	83.00		0.90	149.40		
			2	64.00		0.90	115.20		
							264.60	1600.00	**423360.00**
7	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 15 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading **Page No. 148 Item No. 17.1 PWD SR 2012-13**	Cum							
			Qty. Vide Item No. 1				**352.80**		
	4kms Basic Rate	10.24		Qty Limited to			352.80	78.24	**27603.00**
	Loading and Unloading Charges	62.20							
		72.44							
	Area Weightage @ 8%	5.80							

	Total	78.24							
8	Miscellaneous and UnforessenCharges								2478.00
								Total	2000000.00
(Rupees. Twenty Lakhs Only)									

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2012-13
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward-14

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

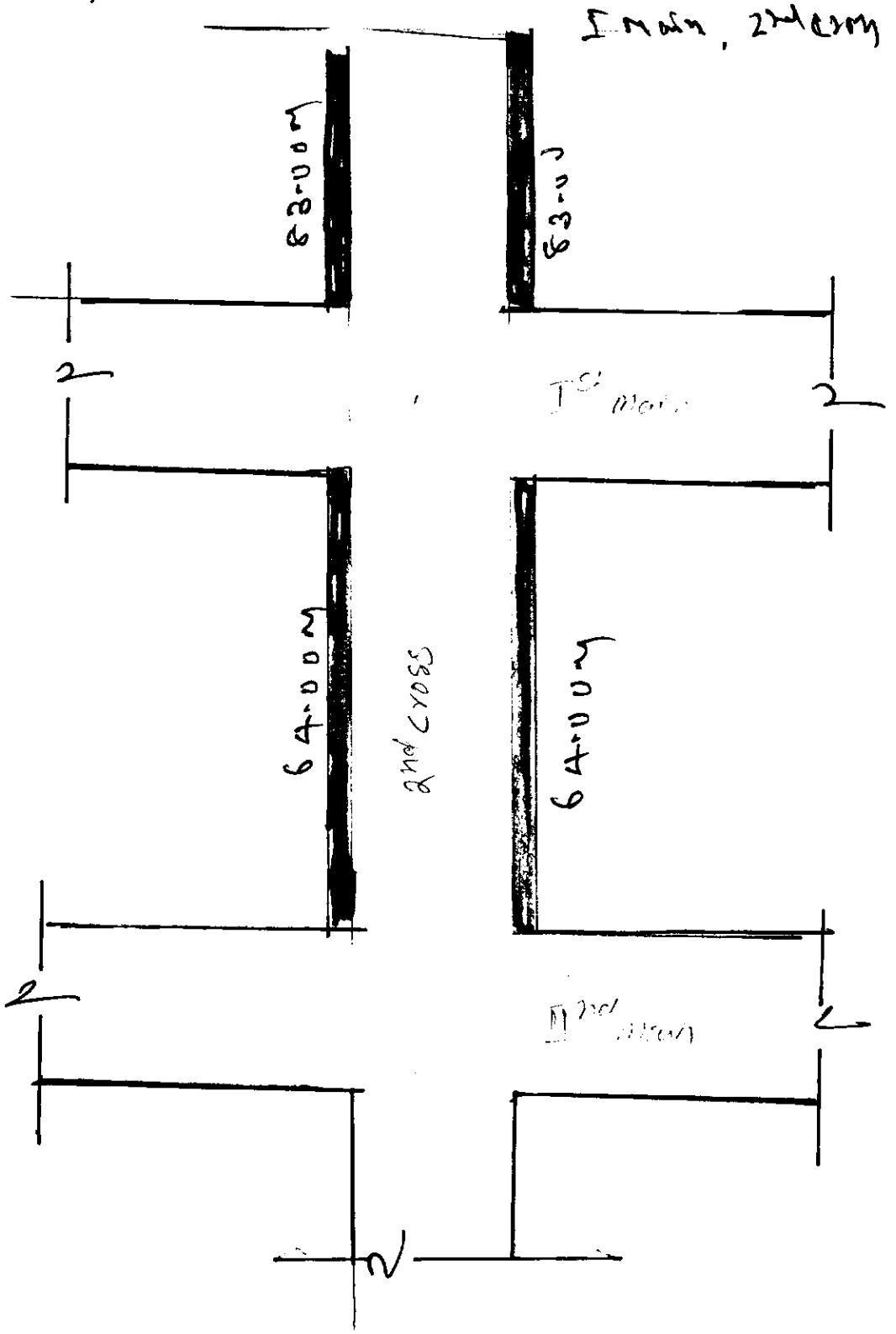
Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

A/S

No. JC(DH)AS686/12-13 Dated: 14/02/13
Rs. 20.00 lakhs (Rupees Twenty Lakhs only)
Page No. 119
Sl. No. 686

No. EE/DD/TS/467/12-13 Dated: 16/02/13
Rs. 20.00 lakhs (Rupees Twenty lakhs only)

Improvement to roads & drains at Mahalakshmipuram



P.V. Plan

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬೆಂಗಳೂರು - 560 073